

ABSTRACT

An interconnecting assembly for a rotor assembly of a dynamoelectric machine is provided. The interconnecting assembly may be part of a conductive path generally extending from a radially inward section of the rotor assembly to a winding located at a radially outward section of the rotor assembly. The interconnecting assembly may be made up of a flexible member (44) comprising a bend (50). The interconnecting assembly may be further made up of a connector (70) connected to the flexible member to pass axial and radial forces that develop during operation of the machine. The positioning of the connector relative to the flexible member may be arranged so that an effect of an axial force on a radius of curvature of the bend and an effect of a radial force on that radius of curvature are opposed to one another. This leads to lower peaks of mechanical stress at the flexible member (44) (e.g., J-strap), which in turn leads to a relatively more durable and reliable conductive path for the rotor assembly of the dynamoelectric machine.